

THE IDENTITY OF *ENTYPUS* DAHLBOM (HYMENOPTERA: POMPILIDAE)¹

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Dahlbom (1843) described *Entypus* in his Hymenoptera Europaea, with *E. ochrocerus* Dahlbom, 1843 as type-species by monotypy. The type-material listed by Dahlbom consists of two males sent to him by Lefebvre in 1835, which are purported to have been collected in Algeria. Since description, the name *Entypus* has appeared in various synonymies, and has been incorrectly used: it has never been properly identified.

Smith (1855) placed the type-species in *Pompilus*, but did not list *Entypus* in his generic synonymy. Saussure (1867) described a second species from Argentina, *E. cephalotes*. Kohl (1884), in his review of Pompilid' genera, placed *Entypus* in the synonymy of *Salix* Fabricius, which was used to include most of the Old World Pepsinae. Dalla Torre (1897) followed Smith (1855) and placed *E. ochrocerus* in *Pompilus*, also listing *Entypus* in the generic synonymy. However, he placed *E. cephalotes* in *Salix* in the broad sense as employed by Kohl, and listed *Entypus* 'Saussure nec Dahlbom' as a generic synonym of *Salix*.

Ashmead (1902) added to the confusion when he used *Entypus* as a genus for certain species of *Anoplus* Dufour, subgenus *Arachnoproctonus* Howard, which have the first three tergites of the abdomen reddish. Ashmead also proposed *Hypoferreola*, with *E. cephalotes* as type-species. I have not succeeded in tracing Saussure's type-material, but I believe that *Hypoferreola* may prove to be a senior synonym of *Lepidocnemis* Haupt, 1930, also described from Argentina. This synonymy is not here formalised.

Cameron (1910) followed Ashmead's interpretation of the identity of *Entypus*, but used the name as a subgenus of *Pompilus* when describing certain African species, thus combining the actions of Smith, Dalla Torre and Ashmead. Susterer (1912), in a review of

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the Palaearctic genera of Pompilidae, placed *Entypus* in the synonymy of *Cryptocheilus* Panzer, a component of *Salix* employed by Kohl. However, he did not identify the type-species. In 1924, he published a revision of Palaearctic *Cryptocheilus*, and listed *Entypus* in the generic synonymy, but with a question mark. Pate (1946) included the name in his catalogue of the generic names of spider-wasps.

I have been able, through the kindness of Dr. Roy Danielsson of the Zoological Institute, Lund, to examine the syntypes of *E. ochrocerus* from the Dahlbom collection. The material consists of two males of the species currently known (Townes, 1957) as *Priocnemioides flammipennis* Smith, 1855, from the West Indies. Synonymies are formalised below.

GENUS ENTYPUS Dahlbom

Entypus Dahlbom, 1843: 35. Type-species: *Entypus ochrocerus* Dahlbom, 1843, by monotypy.

Priocnemioides Radoszkowski, 1888: 482. Type-species: *Pompilus (Priocnemis) fulvicornis* Cresson, 1867, by subsequent designation (Banks, 1944: 102). Syn. n.

Prionocnemoides Dalla Torre, 1897: 211. Unjustified emendation of *Priocnemioides*.

Priocnemoides Ashmead, 1900: 187. Incorrect subsequent spelling of *Priocnemioides*.

Cheilotus Bradley, 1946: 124, (as subgenus of *Cryptocheilus*). Type-species: *Pompilus ignipennis* Cresson, 1865 [= *Entypus ochrocerus* Dahlbom, 1843], by original designation (Synonymy with *Priocnemioides* by Townes, 1957). Syn. n.

Entypus ochrocerus Dahlbom

Entypus ochrocerus Dahlbom, 1843: 35. LECTOTYPE ♂, CUBA? (Zoological Institute, Lund), here designated [examined]. Provenance incorrectly reported to be "Algeria".

Pompilus flammipennis Smith, 1855: 155. LECTOTYPE ♀, DOMINICAN REPUBLIC (British Museum [Natural History]), here designated [examined]. Syn. n.

Pompilus ignipennis Cresson, 1865: 121. 3♀, 4♂ syntypes, CUBA (Academy of Natural Sciences, Philadelphia) [not examined]. (Synonymy with *P. flammipennis* by Townes, 1957). Syn. n.

Lectotype designations.

Entypus ochrocerus Dahlbom. Two conspecific males in the Dahlbom collection, Lund, bear labels in Dahlbom's handwriting. One bears firstly a small label "Lefebvre", secondly a label "E. ochrocerus ♂, Kl. mB.", thirdly a red label, "TYP". The second syntype bears firstly a small label "a Lefebvre", secondly a number, "96", and thirdly "Pomp. ochrocerus Berl. m. Cub. Lefbr.". Both specimens agree well with the description; in addition, Dahlbom's key (1845:442) specifically refers to the unusual and distinctive sulcate groove situated antero-laterally on the pronotum. I have labelled, and here designate as lectotype, the first specimen referred to above.

Pompilus flammipennis Smith. Smith describes the female and adds comments on the male. One female specimen in the British Museum collections agrees with the description and bears Smith's label, "flammipennis type Sm.". The accessions number, "55.1" on a separate label, refers to a register which states that the specimen was collected by Tweedie in Santo Domingo. A male specimen conspecific with the female bears an identical accessions label. I have labelled, and here designate as lectotype, the female specimen.

I am unable to discover how the discrepancy originated with regard to the locality data (Algeria) given by Dahlbom for *E. ochrocerus*. Abbreviated information on the syntype labels ("Kl. m.B." and "Berl. m. Cub. Lefbr.") indicate that the material may have come to Dahlbom via Klug in Berlin, rather than direct from Lefebvre. Since Dahlbom probably received other, undoubtedly Palaearctic, material from Lefebvre, he may thus have casually misplaced the specimens of *Entypus*. The abbreviation "Cub." is of particular interest, since the species has most frequently been collected in Cuba. An additional male in the Lund collections bears two labels, one "New York Kreigbaum 1848", the other "*Entyp. ochrocerus* H.E. 35: 19. ♂ *Pompilus* id. Kl. m.B.", which, though post-dating description, reinforces the possible link with Klug in Berlin.

Additional material in the British Museum consists of a female (determined as *Pompilus ignipennis* Cresson) and a male, both from Smith's collection, and both labelled "Cuba". Another male labelled "Havana. Cuba. Baker" has been determined by Cameron as *Salius? ignipennis* Cresson.

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ABSTRACT — *Entypus ochrocerus* Dahlbom, 1843, was described from Algeria. The genus and type-species have never been properly identified. After study of type specimens, *Entypus* is here recorded as a senior synonym of the New World genus *Prionemiooides* Radoszkowski, 1888. *E. ochrocerus* is a senior synonym of *P. flammipennis* Smith, 1855, described from the West Indies. Lectotypes are designated for *E. ochrocerus* and *P. flammipennis*. — Michael C. Day, Entomology Department, British Museum (Natural History), Cromwell Road, London S.W.7 5 BD.